

[54] DYNAMIC, INTERACTIVE DISPLAY SYSTEM FOR A KNOWLEDGE BASE

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[21] Appl. No.: 897,709

[22] Filed: Aug. 18, 1986

[51] Int. Cl.<sup>4</sup> ..... G06F 15/24

[52] U.S. Cl. .... 364/513; 364/188

[58] Field of Search ..... 364/513, 188

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[57] ABSTRACT

A knowledge system incorporating a graphic display which allows the user, at any time during the use of the system, to select a part of one of the displayed chunks of knowledge (or the only one) and to perform a command which will automatically display the link(s) of a certain nature to other chunks of knowledge. The latter chunks are thus dynamically added to the drawing. The same function can be applied recursively in any direction until no further knowledge chunks are to be displayed. The resulting drawing can be larger than the display screen and graphic window or screen scrolling mechanisms allow one to move from one area of the overall graph to another. A series of functions allow the user to remove a link and its corresponding chunk(s) from the display, to create a new group of chunks (a group is defined as a set of chunks linked together graphically), and to modify the parameter of the display as a function of the nature of the links, the current state of each item (chunks and their elements, links) and the overall state of the system at the time of display.

6 Claims, 8 Drawing Sheets

